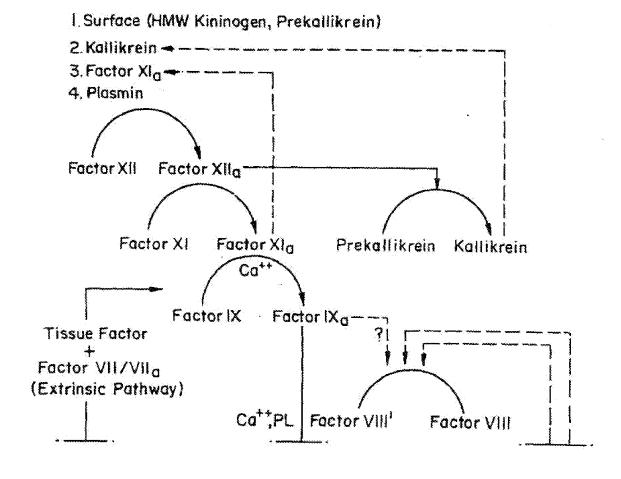
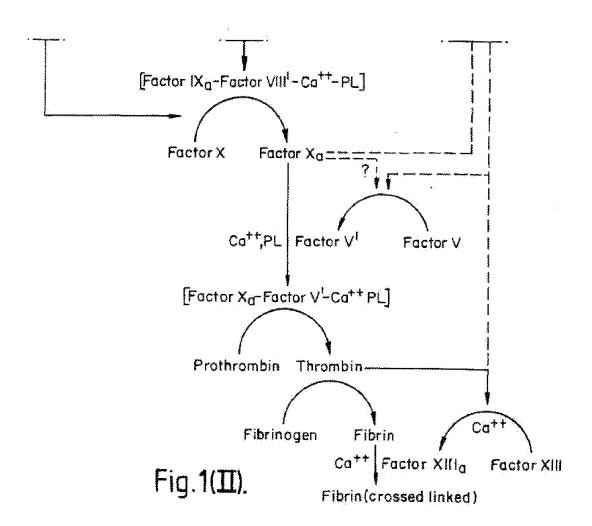
Fig.1(I).

SURFACE-MEDIATED ACTIVATION OF BLOOD COAGULATION (INTRINSIC SYSTEM)





3/9

ゴ	LUNTINGCCGGCCCAGGGGGCCTTCAGCGCAACTTCGCAGCGCACGGAGGGGGGGG	0,42 0,43 0,03 0,03 0,03 0,03 0,03 0,03 0,03					0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00	000 7000 81a	877 1188	AGA TCT	CAC	aggargeacterteg Techtegeacaree
ה ה	7667 ACCA	700 FCC Tro			GTG CAC Val	003 903 910	CTT CIT	AGC	70T	63C 73C Val	titte a		ACTG TGAC
<u>"</u>	CAAC	9903 903		AAG	CTA ASP	0000 0000	TTT AAA Phe	CTA		SCA CCT Ala		ACA Ser Ser	*AGC
	0000	CAC SAG Leu			AAG TTC Lys	800	Ser Ser	AAC PAC	AAG TIC Lys				300 700
	SACG.	CTC GAC Leu		AGC TCC Ser	25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5	67.7 7.7 7.1 8.1	03.0 63.0 61.0	ACT TGA					TAN
	CCAR	CAC CAC	4 4 4 4 4 4	ATA TAT	ATT TAA Ile	AGA	ATT TAR Ile	AAC TTG ASB		ACT TCA Ser	SAG CTC Glu	CTG (GAC (AGT A
	SCCA	765 765 777	TTA AAT Leu	CAR GTT GTT	GAC CTC	5000	ACA TOT Thr	AAC		TTC	25.0 27.0 21.0 21.0	ATC (CAA Y
	ACC.	000 000 878	AAT TTA Asn	CAA VA1	CAC CTC	ACC Thr	CCA Propr	ACG ACC Arg		707 CVS		ATC TAG	AAT (Asn (
	ACGC.	SC S	TAT ATA TYF	ACT TGA Thr	300 300 370	AGC	Case Crc Cla	ACA PCT A E B		TAC	ATG TAC Met	CAC	CONC.
	2000	GTC CAG VA1	CCA CCT Ala	TAC	CAC CAC Lau	Sin Constitution of the Co	955 517 517	CAG CAG	AAA TTT Lys	AAC TTG ASS	707 078	CTT C	2003 2003 Pro 1
	0000	000 000 41a	2003 2003 8003 8003	CAS V&1	000 d	GTG CAC	CTC GAG Leu	TTA AAT Leu	7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GAA CTT	6000 0100	ATC TAG	TCC C
	CCCA	ACC 7GG	CRC CAC Val	CAA	ACA CYS	አልያ ጥፒአ ሕይክ	AAC TTC ASE	ACT TGA	TAT ATA Tyr	GGA CCT Gly	CATA.	ATC TAG	AAC TTC ASB
	CACC	62 62 62 62 63 63 64 64	ACT FGA Thr	AAT TTA Asa	656 670 610	800	153 A	200 000 4 4 7 9	TRT RTA TYT	AAA TTT Lys	000 000 100 100	GTC CAC Val	GNG CTC GIV
	1000 1000 1000 1000 1000 1000 1000 100	220	aat TTA Asb	CAG CAG	ACA TGT Thr	GCA CGT Ala	GAG G1u	5000 5000 5000	CTT	CAT CTA Asp	AGC TCG Ser	CAC CAC	ANG Tro Lys
	AACC	200 £	aca Ter The	000 000 Pro	CTC	000 000 000 000 000	Coro Coro Cen	SAT CTA ASP	Tork Thr	GTG CAC Val	CAC CTG Asp	TTT (AAA (Phe	700 A
	2000	25.55	ACT TGA Thr	AAA TTT Lys	ACA TGT TRE	TAC ATG TYT	TAC ATG Tyr	Str	TAT ATA TYF	GAT CTA ASP	ACA TGT	Yan Yan	AGC 7
	AACT	077 040 041	955 655 617	200 100 100 100	ACA TGT	TCC AGG Ser	CCT GGA Pro	CAT CAT	ATT TAA Ile	ATT TAA Ile	ACT TCA Ser	CTC	030 030 030 030 030
	9939	0000 0000 Ary	TCA AGT Ser	GAA CTT Glu	TAC ATG Tyr	TTC AAG Phe	ACA Tor Thr	ACC TGG Thr	TTA AAT Leu	TTG AAC Leu	AAG TTC Lys	CGA	7 2 2 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
	AGGG	000 g	CGA	TGG ACC Trp	AAA Pbe	CAG CAG	AAC Phe	Grc CAC Val	GAC CTG Asp	TTT AAA Phe	000 000 000 000 000 000	GCT CCT V	GTG CAC VAI
1) () ()	5555	70C ACC	000 000 000 000 000	GAG Glu	ACC Cys	000 000 114 124	034 034 034	AAT TTA ASA	AAG	CAC CAC Glu	AAC TTG Asn	ATT TAA Ile	500 500 500 500 500
, i	000	600 666 A14	000 800 818	TTG	ara TTT Lys	A CGA	CCA Pro	CAC CAC	9000 9000 91000	AAT TTA ASD	CAA	ATC TAG	GCA
100	AGAC	000 000 000 000 000 000 000 000 000 00	CAC CAC VA1	ATT TAA Ile	AGC PCG Ser	77G AAC Leu	TCC AGG Ser	rar Pyr Lys	TTT AAA Phe	ACT TGA	ACA TGT Thr	77. 77. 77. 77.	AAG TTC Lys
() () () () () () () () () ()	\$000 \$000	442	CAG CTC Glo	ACA TGT	AAA TTT Lys	TAC	AAC YTG Asn	75.7 75.7 77.7	CAR Val	AAC	A CCC PA		ACA Arg
٤	GAGCGTGACG	GAC CTC Dis	600 666 Ala		76G 777 777	100 100 100 100 100 100 100 100 100 100	60.00 00.00 00.00	950 g	GAT CTA ASP	Tr.	ACC Ser		707 707 708
		ATG TAC Met	TTC AAG Phe	TTC AAG Phe	CTA CTA ASP	CAC CTC CID	TAT ATA Tyr	CAC	000 000 A rg	ara TTT Lys	000 000 4		TTC TY
ŗ	1	100	175	250	3.25	4 00		339					2 92 25
													: 45°°

4/9

~ig.2b.

AAATAAAGGTGACTGGGAATTGTTA TTTATTTCCACTGACCCTTAACAAT

2103

٠,٠

1003 acctactgcaaatatagcatutagcactggcggacttttaagagcatagaatacatggaacccaaatgagtatteggagcatgaagacuctggag Togatgacgtttacgatataactggcactggcgcttgaaattctcctattattttatgtactttaggattacttaaagcctcgtacttctgggactc ttcaaaaaatettgatatgacenettataccannaccatectectittgacattcacattatecatticactticacatagaatgetactacaaeclaa Aagtttttigacaactatactogacaataatggtaatcgtaagaccaaaactgtagtcgtaatcagtcaaactttacattgcttaccatggtichtg tccaactittaatitttaacaccatgcaccttttgcacatarcatagctttagattatatatatateccoactcaagabtaacaggtggtcsaggaaltaaa Aggttcaaaattaaaaattgtggtaccgtggaaaacgtgtattgtacgaatttaatataabgcgtgagttcctcattgatggtcgtggttggtttt GTGCAGTAGCACGATCTCGGCTCACCCTCCTCTCTCGGGTTCAAGCAATTGTCTGCCTCAGCGTCCGAGTAGCTGGGAGTAGCTGGGATTACAGGTGCGCACT CACGTCATCGTGCTAGAGCCGAGTGACGTGGGAGGCCAAGGTTCAAAGTTAACAGACGCGAGTCGGAGGGCTCATCGAGCCTCTAATGTCCACGCGTGA tggcaracttgtattattatattargggagacattggtattgggaccttggtgggggggggtttctaatatgctttacatgtgggggggtgacttaagtgacgrcttaag Accgittgraacataattacacattcacgtcctgtaaccataagaccgggggaggattatacgaaatgttagacgtgacttagacggaattcaccg attaarcattergropactatettatabagactactatacaactechogactitatratatatatatatatataagetacteaageteckatggitgactitgiat Vaatttgibaactetegritgatatarabatattegatgatatotetagatotetecaarartabaatteckagattegaagataegakekegtaacata 1103 1203 1303 3403 1503 1603 1703 1803 1903 2003

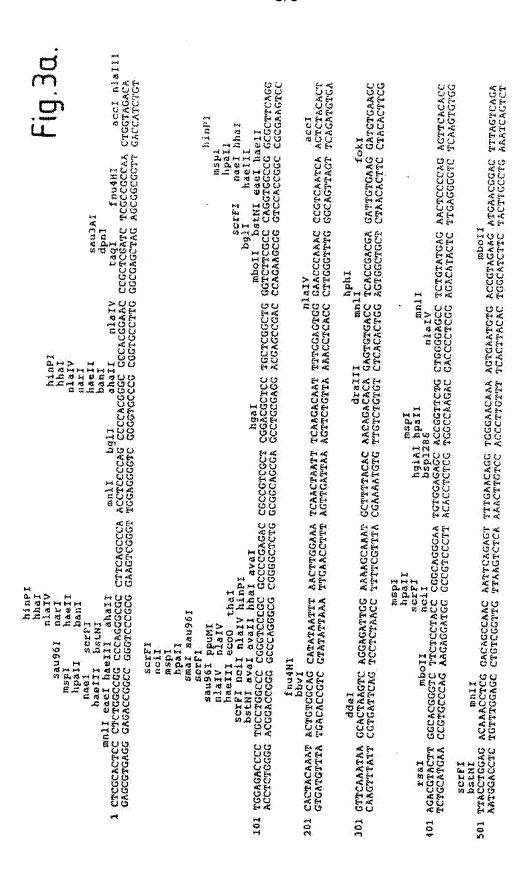


Fig. 3b.	aaarcacca Ttttgtcggy	mspl hpall rsal fl mball ACCGAAGAG	foki Carccrrore	AAGUACTGTT TTCGTGACAA	1 sarri bathi GACCETGG CTGGGACC	TACAACCA	TCCAAGCAAA AGGITCGTWW	SCENT BETNI GCCCASCTG CGGGTCCGAC	hinPT hha! hat1 fauf corocock
	TTCAGGAAAG AAGTCCTTTC	hpal hinel CGARCAGTTA GCTTGTCAAT	FICTOGICAT	TTCATARGG ARGTATITCE	MBOLI SCRTIC GACCGAGARC TTTTAAGAGG ATAGAAFGA TGGAAACGCA AATGAGTATT TCGGAGCATG AAGACCTUG TAACGTGACA CTGGCTGTTG AAAATTCTCC TATCTTATGT ACCTTGGGF TTACTCATAA AGCCTGGTAC TTCTGGGACC	AACGAATGGT ACTACAACCA TTGCTTACCA TGATGFTGGT	SCRIT BERNI PACCAGGICG TO TTGGTCCAGG AG		hinPI ddel sval hin1 hhaf hhaf mull mill stil fight Trestrate crectase crectase screening causeder Trestrate saccase saccetase
	A AATCTICAAG T TTAGAAGTTC	ninfi F GATTCCTCC F CTAAGGGAGG	alui CATCATIGGA GCTGTGGRAT GTAGTAACCT CGACACCATA	GAGAACTECE CACTEAATGT CTETTGAGGG GTGACTTAGA	ARTGAGTATT TTRCTCATAN	CATTAGTCAC TITGAAATGT GTAATGAGTG AAACITIACA	CTCAAGGAGT	binfl tthiill AGACCCACTC TOTOCCTCAG	sull sluf C CTCCCAGTA GC G GAGGCCTCAT CG
	T TATTATEGA	G TTCAAGGAGY C AAGYYCCYCA		G CAGAACTCCC	DIBIII ACA TGGAAACGCA PGT ACCTTTGCGT	CATTAGICAC: CTAATCAGIG		Tetetete Aparabasc	ddel mnll mi CTGCCTCAGE GACGCAGTCG
	aggacteaat teatacacte Tcctgaatea aatatgegaa	C TOTTTCAGTG	SSPI G AATATUTA C TITATAAGAD	alui R GAGCTEGAAG F CTCGACCTTC	I ATAGAATACI TATCTTATGI	TTGACATCAG	nlalii Cataratet titagattat Gtatteracg aaalctaata	alui hindili TTGRAARCCT TTTITTTTT ARCTTITCGA AARARAAAA	AAGCAATTGT TTGGTTAACA
		G AGAAAACTAC C TCTTTTGATG	ecori G Garteagag C CTTAAGTOTC	G GASTGGGGCA CTCACCCCGT	TTTTAACAGG	PSACCIGITA TRACCATIAS CATTCEGGT ACTGGACAAT AATGGTAATC GTAAGACGAA			mnli aval ACCETECTE TETEGGGTTE TGGGAGGERG AGAGECEAAG
. j		TTGAITGAIC IGGAIAAAGG AACTAAC ACCTAITICC	SCIFI bstni elii 961 CCA GGAGAAAGGG	I AGAAAGGCAG S TCTTTCCGTC	r Gaccoboral	TTACCATTAC	T ACCTTTTGCA TGGAAAACGT	BOLFI BBLNI AAAAAROCT GGGTGGACTT TTTTTAGGA COCACCTGAL	mnll Accerceare 7668AGGCAG
2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			he sau GTATGGG CATACCG	- ACACAACTET - TSTGTTCACA			nlarv bani styi scyi ACACCATGC A		GGCTCACTGC
r en	CANAG	c taatgagtte G attactcaaa	msp1 kpa1r serFI neil TACAGACAGE CCGGTAGAGT ATGTCTGTCG GCCCATCTCA	SOLF! BEINI FORI ATCATCTEG CTATATCTCT TAGTAGGACC GATATAGAGA	CAAATGCTAT GTTTACGATA	ACTCTTGATA TGAGAACTAT	Tertter Antera	aaaatctctt Tottacagaa	asulal dpnI GCACGATCTC CGTGCTAGAG
	1 AGGAACAACA TCCTTGTTGT	1 AAACAAACAC TTTGTTTGTG			alut GGAGCTACTG CCTCGATGAC	AGTTCAAAA TCAAGTTTT	attccaagt Taaggttcaa	AACAAATGGG TRGTTTACCC	asulai dani Gagreat Gerecater Creacifeat Corgenadad
	601	701	961	G	1001	1101	1201	1301	1401

7/9

						j era	
F1G. 3C	hphi bali saushi styr dogerrence coccashord chil dani styr coccashord chicarocca accashord actroacocca accashord arcaeocac coccashord grashacoc recare actroacoccac actroacoccac accashord arcaeocac	BIBIII CATGTAGGAA AGTAAAATGG GTACATCGTT TCATTTTAACG	tctatratrt agygytagg tyctytyty tytcagart acrityggar hyycrarch agrtryfra tcrcarnycc argrarab bargycctta ygtraectt yrrgytygy	CTANTATGCT TTACANTOTO CACTITAACT GACTIVAGYG GATTATACGA ANTGINGGC GYGAAATTGA CYGAATTCAC	alui 1901 genttaraca tpyggreget archafatta tpayaracac actatacaaa checrorost taygrithaa ggtacpyraaa gcytcyrnug tygrch Coyaapytgt aaacbcycga ttgatataaa aacatotiga tgataygett gatgycycaa atactaaaty ccatgaayyy cgargyaaca aactsaaca	drai ahaiii 2001 adarataant tuutaaaag gettutetana 9GGGGATTT CPATTTER AGGRATAIT GTICPATTTG 18181811GA GATAATTTAT TIAAYAYKET Tauntattaa aaantitiic caaaagatat acceetaaaa gataaataea tecattataa caagataaae atatataaet etaetaraata aaytataga	
	HCORI TGARTICCTC ACTTAAGGAC	GACTICAATC CTGAAGTTAG	tttcaggaat Aaagtcctta	<i>ttacaatete</i> aatgitagae	ESTACTIFATION	Tatataiga Atatataact	
Zo.	AGGCTGGTCT TCCGACCAGA	aluz hindizi mnli CATGCCCAGC CGARAAGCTT TTGAGGGGCT GACTTCAATC GTACGGGTCG GCTTTTCGAA AACTCCCCGA CTGAAGTTAG	<i>Tuctuttut</i> Aagaaraaa	<i>ctaatatgct</i> Gattatacga	Taygrityra Atactaaatt	GITCTATING	
bstNI haelil hael	esel ball CATCTTGGCC GTASAACCGG	aluz hindiil moli CGAAAAGCIT TYGAGG GCTTTTCGAA AACTCC	TCTATARTAT AGTGFFFFAGG AGRTATARA TCACAANTCC	nlaly bani bspl286 odscacerre	chacagagu gaigichear	espi Accitaltat Tccattataa	•
	hphi GGGGTTTCAC CCCCAAGTG		TCTATABLAT AGATATTATA	nlaIV banI bsp1286 CGFCCTCTG ACCATARGA CCCGTGGAAG	ACTATACAAA TGATATGTTT	CTATTTATGT GATAAATACA	
	TAGTAGAGAT ATCATCTCTA	CGTGAACCAC	udel CTARCATATG GATTGTATAC	ocaggaca ttggtattet cgtcctgt aaccatabga	TYATARBET AATATTCTGA	TGGGGATTTT	
	TTGTATTTT AACATAAAAA	GTATTATOGG COTGAACCAC	TAGGACTTTT ATCCTGAAAA	TGTGTTABGT ACACAATICA	aactataba Ttgatataaa	gpttychara Caaaagbtat	attgtta Tarcaat
	alui Aagctaattt TTCGATTAAA	CAAAGTGCTA GTTTCACGAT	GGTGCATTTC	tttgiattra Aaacataatt	alui Thugagach Aaachcecga	drai abaiii Fiftaaaac Aaatttttc	hphi TTARATRANG GTGACTGGGA ATTGTTA AAVTTATTEC CACTGACCCT VAACAAY
	1501 CTACCACACC ANGUTATTT TIGTATTTT TAGTAGAGAT GATGGTGTGG TTCUATTAAA AACATAAAAA ATCATCTCAA	molt heali thasi cricccrcc caaacricta	DAGGAANTIG GGIGCANTIC TAGGACTITY CTAACATAIG TICCIITAAC CCACGTAAAG ATCCIGAAAA GATTGTATAC	1801 ATTGGRAAC TTTGTATTAA TGTGTTAAGT TAACCGTTTG AAACATAATT ACACAATTCA	GUNTTARACA CUPARPITGT	apatataha Tatataha	Phi 2101 TTAMFARG GEGRETGGG ATTOTTA ARTTATTE CACTGACCT FARCAGE
	1501	1601	1701	1801	1961	2001	2101

